



### **ToughFeed** Innovative Paper Feed Mechanism

- Stapled Document Detection
- Ultrasonic Double-Feed Detection
- Superior Roller Mechanisms

- Mixed Document Feeding
- Long Paper Mode
- 90 ppm / 180 ipm\*

\* A4, Landscape, 200 dpi, Binary/Colour

- High-Volume, 200-page ADF

- Self Cleaning Functions

- Ionizer **NEW**

- Scanning Glass Cleaning Brush **NEW**



KV-S5055C



KV-SS080  
[ Optional Flatbed Scanner ]



# Boost Your Business Efficiency with an A3-Size Compatible, High-Speed, Fast-Feeding Scanner

The fast 90-ppm\* scan speed and 200-page ADF (Automatic Document Feeder) of the KV-S5055C make it ideal for both large-volume scanning and dispersed input. ToughFeed, Panasonic's unique paper feed mechanism, also minimises the possibility of damaging important documents and ensures precise feeding to make your office work even more efficient.

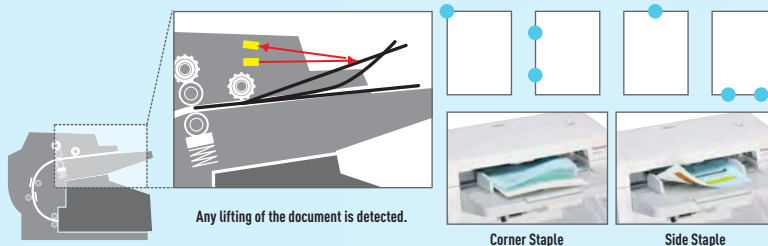
\* A4, Landscape, 200 dpi, Binary/Colour.



## **ToughFeed** Innovative Paper Feed Mechanism

### Preventing Damage to the Scanning Glass Stapled Document Detection

Multiple sensors are used to detect various types of stapled documents, and to immediately stop the scanner when stapling is detected. This minimises damage to both the document and the optical glass.



Any lifting of the document is detected.

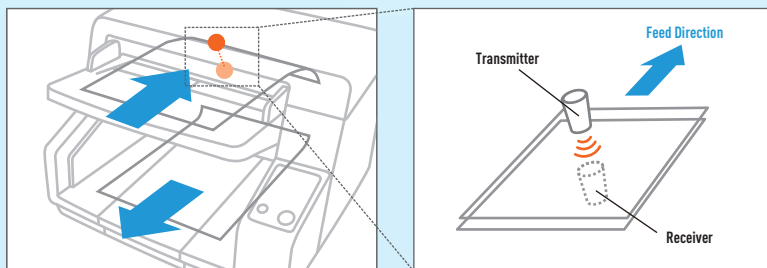
Corner Staple

Side Staple

Staples are quickly and accurately detected, to minimise damage to the optical glass and the document.

### Accurate Scanning Ultrasonic Double-Feed Detection

The KV-S5055C is equipped with an ultrasonic sensor, which accurately detects double-feeding even when scanning documents of various thicknesses. When detected, the ultrasonic sensor prevents double-feeding by immediately stopping the scanning process.

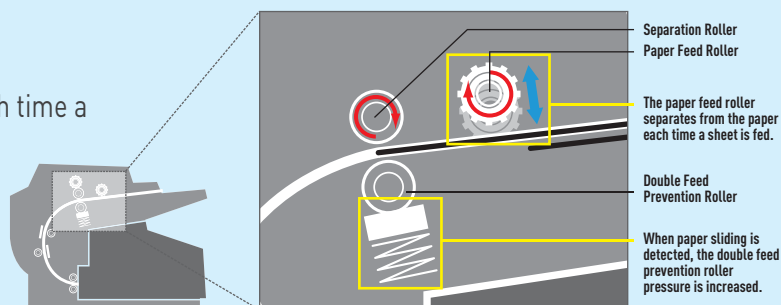


The sensor detect double-feeding and stops the scanner immediately.

The high-performance sensor catches even subtle changes.

### Precise Feeding Superior Roller Mechanisms

The paper feed rollers separate from the paper each time a sheet is fed, so the tendency to double-feed caused by the paper feed roller pressure is reduced, even when feeding paper of different thicknesses. Any paper sliding is also detected and the double feed prevention roller pressure is adjusted to prevent the paper from slipping and jamming.



Separation Roller  
Paper Feed Roller

The paper feed roller separates from the paper each time a sheet is fed.

Double Feed Prevention Roller

When paper sliding is detected, the double feed prevention roller pressure is increased.

### Double Feed Skip (DFS) Key **NEW**

Should a scan operation stop due to the detection of double-feeding, simply press the DFS key to resume scanning. This is convenient when you don't want scanning to stop due to documents with things like receipts or sticky notes attached, or envelopes.



Documents for Which Scanning Shouldn't Be Stopped Even When Double-Feeding Is Detected



Envelopes



Documents with Sticky Notes Attached

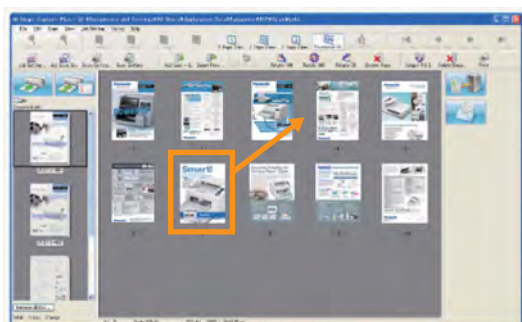
# Image Capture Plus Enables Versatile Image Processing

Image Capture Plus is an application that transfers image data scanned by a Panasonic high-speed document scanner to a PC in the form of an image file. This software lets you edit scanned pages (switch pages, delete pages, etc.) intuitively using thumbnail images. It also allows you to make various settings to facilitate complex scanning processes and serves as a powerful tool for efficiently processing routine business work, such as filing.

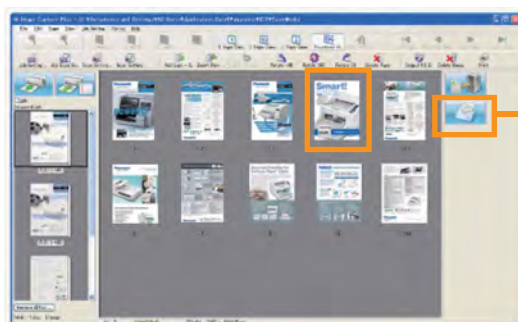
## Intuitive Operation

Scanned images can be displayed page by page in a thumbnail list. Pages can be easily moved and their positions switched by dragging and dropping the thumbnails of the pages.

### Moving pages within a document



Use the mouse to drag the page to the position where you want to move it.



The page will move to the position that you dragged it to.

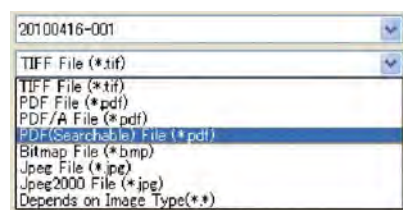


### E-mail Attachment

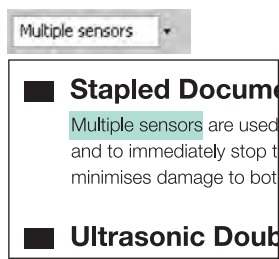
Scanned data can be directly attached to an e-mail with a single click of a button, for greater efficiency.

## Easy-to-Use Data Formats

Images can be saved in various data formats, such as PDF, JPEG, TIFF and Bitmap. Scanned data can be moved and saved in a selected folder all at once. Plus, PDF data and text-searchable data can be generated.



Select PDF (Searchable).



Text-searchable data is generated.

## PreScan

In the preview window, you can confirm what the scanned image will look like under the current scan settings. You can make fine adjustments to brightness, contrast and other parameters while looking at the final result, and then save the desired scan settings. This boosts work efficiency by preventing wasted scans.

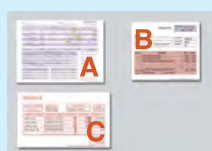


## A Wealth of Image Processing Functions

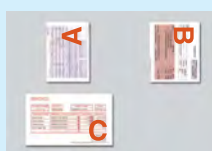
No more worries about the document's direction

### Automatic Image Orientation

Even when documents are set in different directions, this function detects the direction of the scanned text in documents and automatically rotates it into the correct direction.



With this function

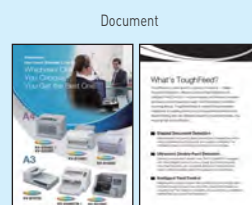


Without this function

No more need to pre-sort documents

### Automatic Binary/ Colour Distinction

Automatic Binary/ Colour Distinction allows the scanner to recognise colour and black and white pages. This feature reduces scan to file size while promoting a more efficient scanning process.



Front

Back



Colour data

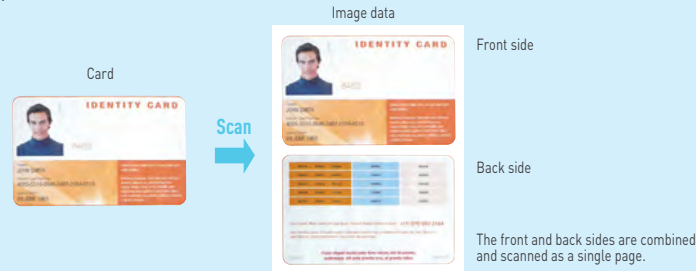
Black and White binary data



Two-in-one convenience

Double Exposure

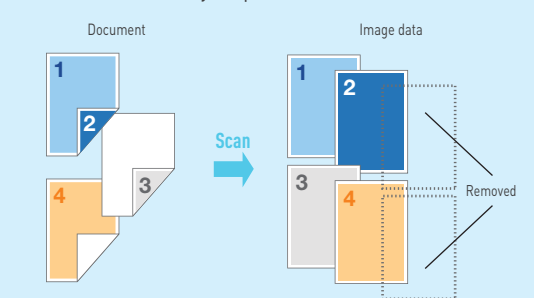
Double Exposure automatically scans then saves two-sided documents into a single-page file. It is highly effective for documents printed on both sides, such as checks, stock certificates, post cards, and business cards.



You can convert only the desired pages into electronic form

Blank Page Removal

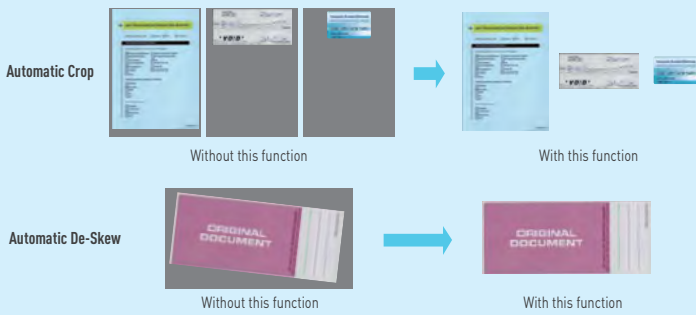
When scanning a set of documents that contains both single-sided and double-sided sheets, this function automatically skips over the blank sides.



Eliminates post-processing

Automatic Crop and De-Skew

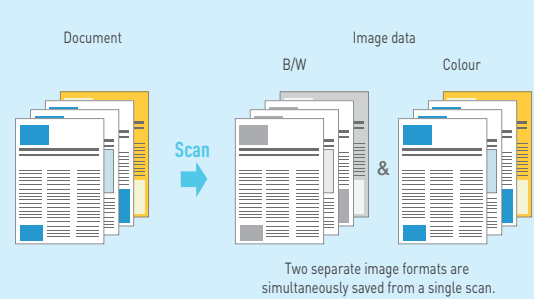
When you scan documents of mixed size, the documents are automatically cropped and stored in the appropriate size. Also, skewed documents are automatically straightened when they are scanned.



Single pass for dual output

Multi Stream

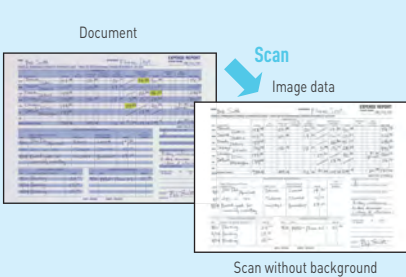
The Multistream function enables a single scan to be saved as two separate formats simultaneously. For example the document will be saved in monochrome (B/W) for OCR and archival purposes, and saved as a full colour image for short term on-screen retrieval.



Excellent readability and accuracy

Dynamic Threshold

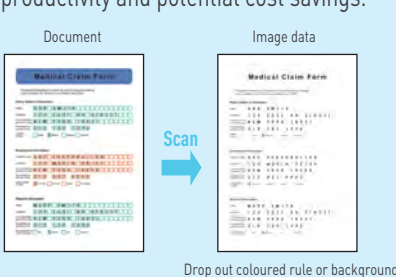
With the Dynamic Threshold function, the background density and colour are automatically detected section by section, and the scan setting (brightness control) is automatically adjusted to ensure sharp scanning of both text and images.



Convenient for OCR processing

Multi Colour Dropout

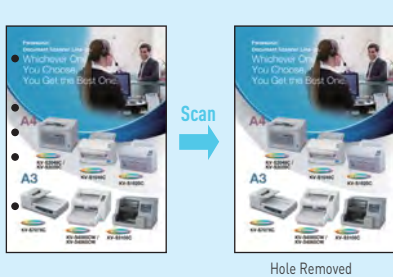
Any of up to three specific colour ranges on the document can be selected as a dropout colour. This function, when used in form processing applications, can greatly improve OCR performance and accuracy, resulting in increased productivity and potential cost savings.



Punch holes from the document are removed from the image

Hole Removal

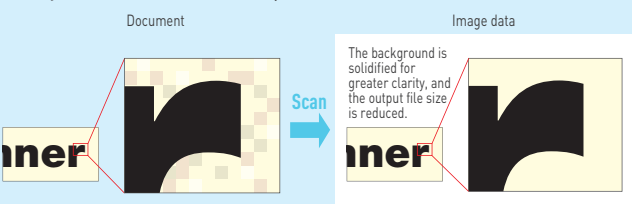
The Hole Removal function removes the punch hole marks from the scanned image. Round or square black shapes around the edges are replaced with the colour closest to the document.



No more fuzzy backgrounds

Smooth Background

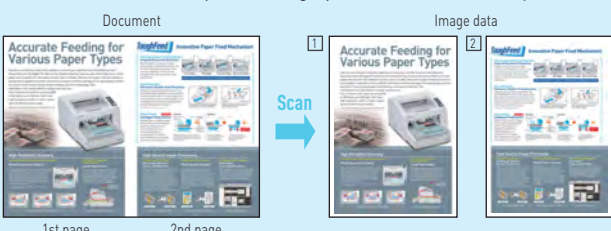
The Smooth Background function analyses images while scanning for background colour content, and outputs the images with the background colour solidified. This increases viewing clarity and reduces JPEG output file size.



Easily get the data you need from each page

2-Page Separation

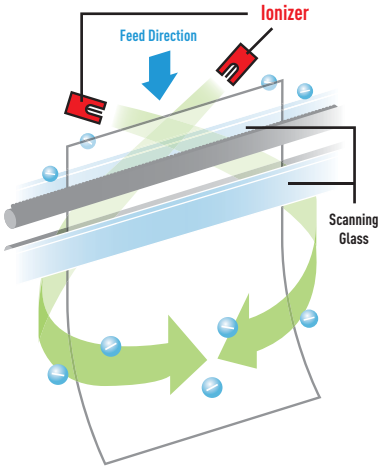
2-Page Separation automatically divides the single image into two single sheets. Dividing scanned documents saves time and trouble because it makes complex editing operations unnecessary.



# Self Cleaning Functions

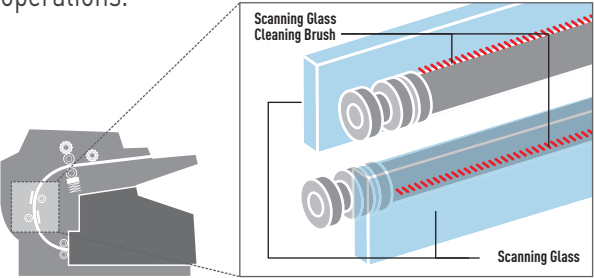
## Ionizer NEW

The ion-filled breeze created by the ionizer neutralises the electrical charge on the documents to be scanned, and reduces the amount of paper dust that clings to their surface. This ion-filled breeze also flows through the paper path and removes paper dust from the scanning glass to reduce the need for the user to clean the glass.



## Scanning Glass Cleaning Brush NEW

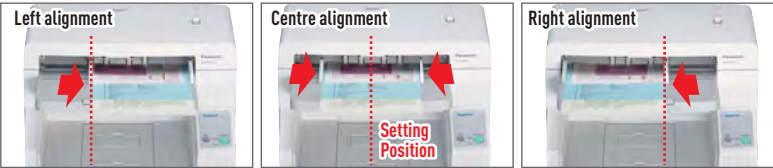
The brush directly cleans the scanning glass to further prevent paper dust. This eliminates the need for maintenance and ensures comfortable scanning operations.



# High-Reliability Scanning

## Accurately Feeds Various Sized Documents Mixed Document Feeding

Documents with different sizes and thicknesses can all be fed together. They can be set in centre, left, or right alignment. By using left or right single-side alignment, there is no more need to spend time organising documents according to their size, so scanning is fast and easy. This function greatly increases work efficiency.



The scanner feeds accurately, regardless of alignment.

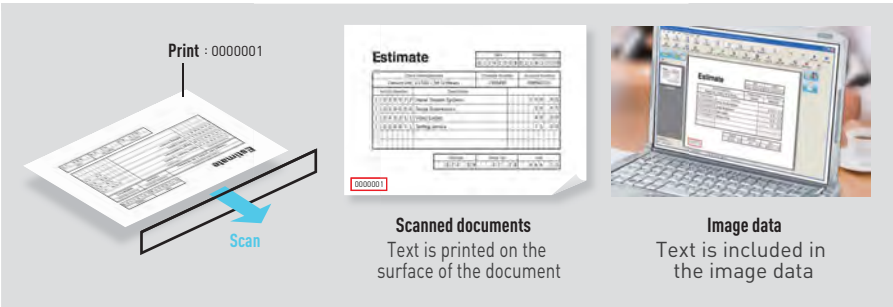
## High-Speed Scanning of Sheets up to 100 feet Long Long Paper Mode

The highly reliable paper feed mechanism quickly and stably scans long documents. This function boosts work efficiency by smoothly scanning long documents like continuous business forms or electrocardiograms.



## Raises filing efficiency Pre-Imprinter

The pre-imprinter prints text (date and/or number) onto the surface of a document before its image is scanned, so the text data is included in the scanned image data. This improves filing efficiency.



# Optional Flatbed Scanner

## Easily Scan Documents and Booklets Single User Interface

By selectively using the KV-S5055C and the optional KV-SS080,\* you can easily scan documents and booklets, and save them in the same document.

\*To operate the KV-SS080, the KV-S5055C is required.  
The KV-SS080 does not operate as a standalone unit.



## Save Time by Reducing the Number of Scans Multi-Crop

Place various sized documents on the flatbed and scan them all at once, then crop whatever parts you need. This is convenient for scanning multiple business cards and thick documents.



# Easy Maintenance

The clamshell design allows full, easy access to the entire paper path, so you can clear paper jams, clean the unit, or replace a roller easily without having to call a service technician.



Rollers are easy to replace.

## KV-S5055C Specifications

Scanning Face			Duplex
Scanning Method			Front side: CCD (600 dpi) Back side: CCD (600 dpi) Selectable black and white background reference
Scanning Speed *1	Binary / Colour A4 size 200 dpi	Simplex	Up to 70 ppm (Portrait) Up to 90 ppm (Landscape)
		Duplex	Up to 140 ipm (Portrait) Up to 180 ipm (Landscape)
	Binary / Colour A4 size 300 dpi	Simplex	Up to 50 ppm (Portrait) Up to 60 ppm (Landscape)
		Duplex	Up to 100 ipm (Portrait) Up to 120 ipm (Landscape)
Resolution			100 – 600 dpi (1 dpi step), Optical: 600 dpi (Main and Sub feeding directions)
Detection			Ultrasonic double feed detection (1 position), Stapled document detection
Compression			JPEG (colour, greyscale)
Tonal Gradation			Binary, Greyscale (8 bit), Colour, MultiStream : Binary & Greyscale, Binary & Colour
Binary Mode Halftone			Dither, Error diffusion
Image Control			Image emphasis, Dynamic threshold, Automatic separation, Invert, White level from paper
Other Functions			Length control, Barcode detection (ISIS), Patch code detection, Automatic separation, Control sheet, Long paper mode
Maximum Image Size			305 x 2,540 mm (12.01 x 100 in.)
Paper *2	Size	Minimum	48 x 70 mm (1.9 x 2.75 in.)
		Maximum	297 x 432 mm (11.7 x 17 in.)
	Thickness		0.04 - 0.2 mm (1.6 - 7.9 mils) Note: 1 mil = 0.001 in.
		Weight	
Hopper Capacity			Up to 200 sheets (75 g/m <sup>2</sup> , 20 lbs.) New paper
Interface			USB 2.0
Power Requirement			AC 100 - 120 V, 50/60 Hz AC 220 - 240 V, 50/60 Hz
Power Consumption	Maximum (Scanning)		0.5 A (220 - 240 V), 1.0 A (100 - 120 V)
	Minimum (Standby)		0.2 A (220 - 240 V), 0.4 A (100 - 120 V)
	Sleep mode		3.5 W or less (220 - 240 V, 100 - 120 V)
Operating Environment	Temperature		15 - 30 °C (59 - 86 °F)
Storage Environment	Humidity		20 - 80 % RH
Storage Environment	Temperature		0 - 40 °C (32 - 104 °F)
Storage Environment	Humidity		10 - 80 % RH
External Dimensions *3 (W x D x H)			468 x 444 x 339 mm (18.5 x 17.5 x 13.4 in.)
Weight *3			18 kg (40 lbs.)
Accessories			CD ROM : Device driver, Operation manual, Installation manual, Control data sheet, Image Capture Plus software, ISIS®/ TWAIN driver software, User utility software, Quick Scan Pro (DEMO) Installation manual, Power cord, Roller cleaning paper, Shading paper, USB cable (2.4 m) & Blower
Options	Roller exchange kit		KV-SS039 (Paper feed roller module, Double feed prevention roller)
	Roller cleaning paper		KV-SS03
	Imprinter unit (Pre)		KV-SS014
	Ink cartridge		KV-SS021
	Flatbed Scanner		KV-SS080

# High-Volume ADF

The ADF (Automatic Document Feeder) holds up to 200 sheets of paper to allow continuous scanning of large document runs.



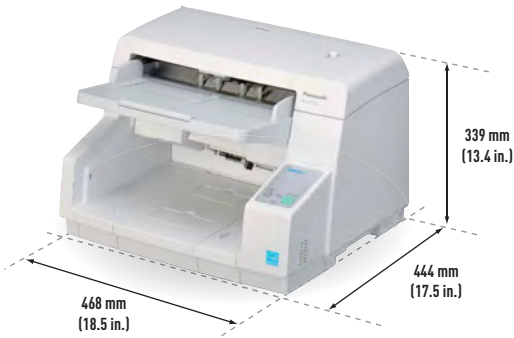
## Optional Flatbed Scanner KV-SS080 Specifications

Scanning Type		Flatbed
Scanning Method		CCD
Scanning Resolution		100 - 600 dpi (1 dpi step)
Scanning Speed*1 A4 size 200 dpi		3.6 sec. (Binary and Colour)
Paper Size		Maximum 216 x 297 mm (8.5 x 11.7 in.)
Interface		USB 2.0
Power Requirement		AC 100 - 240 V, 50/60 Hz
Power Consumption	Scanning	0.2 A (200 - 240 V), 0.35 A (100 - 120 V)
	Standby	0.15 A (200 - 240 V), 0.25 A (100 - 120 V)
	Sleep mode	3.5 W or less (200 - 240 V, 100 - 120 V)
Operating Environment	Temperature	15 - 30 °C (59 - 86 °F)
Environment	Humidity	30 - 80 % RH
	Temperature	0 - 35 °C (32 - 95 °F)
Storage Environment	Humidity	10 - 80 % RH
Dimensions*3 (W x D x H)		287 x 518 x 83.5 mm (11.3 x 20.4 x 3.3 in.)
Weight*3		3.4 kg (7.5 lbs.)
Accessories		CD-ROM: Operating manual AC adaptor, Power cord, USB cable

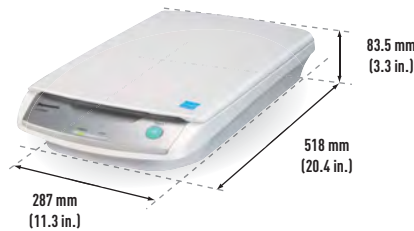
\*1 The scanning speed differs depending on the host computer, the operating system, the application, the measuring method, the quantity of data in the image, and the paper type. The scanning speed depends on a measuring method of Panasonic.  
\*2 "Weight in pounds" of paper represents the weight of 500 sheets (432 x 559 mm / 17 x 22 in.).  
Scan quality cannot be guaranteed for documents with a non-standard size.  
\*3 Dimensions and weights are approximate.

## Dimensions

### KV-S5055C



### KV-SS080



### Roller exchange kit KV-SS039



### Roller cleaning paper KV-SS03



### Imprinter unit (Pre) KV-SS014



### Ink cartridge KV-SS021



As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

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